

SEP 8 4 2002

DATE: August 30, 2002  
CASE DOCKET NO.: 98-CLU-363

1700

SEARCHED & INDEXED  
SERIAL NO.: 09/604,218  
FILED: 6/27/2000  
FOR: FUNCTIONALLY GRADED FRICTION MATERIAL  
APPLICANTS: TULIN K. HIDAYETOGLU  
ART UNIT: 1762  
EXAMINER: E. TSOY  
CONFIRMATION NO.: 4131

THE COMMISSIONER OF PATENTS  
AND TRADEMARKS  
WASHINGTON, D.C. 20231

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Sir:

Transmitted herewith is an **amendment** in the above-identified application.

No additional fee is required

The fee has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT	(Col. 2) HIGHEST NO. PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA	RATE	ADD'L. FEE
TOTAL	* 19	- ** 19	= 0	X \$18.00	= \$0.00
INDEP.	* 2	- *** 2	= 0	X \$80.00	= \$0.00
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					+ \$270.00 = \$0.00
					TOTAL \$0.00

\* If the entry in Col. 1 Is less than the entry in Col. 2, write "0" in Col. 3.

\*\* If the "highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

- Please charge my Deposit Account No. 05-0275 in the amount of \$0.00. A duplicate copy of this sheet is attached.
- A check in the amount of \$\_\_\_\_\_ is attached.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 05-0275. A duplicate copy of this sheet is attached.
- Any filing fees under 37 CFR 1.16 for the presentation of extra claims.  
Any patent application processing fees under 37 CFR 1.17.

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SEP - 5 2002  
C 1700 MAIL ROOM

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## IN THE UNITED STATES PATENT &amp; TRADEMARK OFFICE

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 FILED : 6/27/2000  
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Honorable Commissioner of  
 Patents & Trademarks  
 Washington, D.C. 20231

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
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Sir:

AMENDMENT

In response to the Office Action mailed June 4, 2002, please amend the above-identified patent application as follows.

IN THE CLAIMS

101700 MAIL ROOM  
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Please rewrite claim 1 as set forth below in clean form.

1. (Three Times Amended) A friction material with improved wear resistance and thermal conductivity, comprising:

a functionally graded material including a composite material having heat and wear resistant fibers with a varying concentration therein impregnated with a resin; and

a plurality of heat conducting elements situated within said functionally graded material in a selected orientation and spatial distribution with a varying concentration, wherein said functionally graded material is constructed for engagement with a cooperating movable member, said functionally graded material including a first friction surface constructed for such engagement and a second non-engaging surface, said varying concentration of said heat conducting elements decreasing in